

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number
WO 2005/090467 A1

(51) International Patent Classification⁷: **C08L 23/14**

(21) International Application Number:
PCT/EP2005/003045

(22) International Filing Date: 21 March 2005 (21.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04101224.6 24 March 2004 (24.03.2004) EP
60/610,785 17 September 2004 (17.09.2004) US

(71) Applicant (for all designated States except US): **BASELL POLYOLEFINE GMBH** [DE/DE]; Brühler Strasse 60, 50389 Wesseling (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FUCHS, Alexander** [DE/IT]; Via M. Cavallari 2, I-44100 Ferrara (IT). **SAR-TORI, Gabriella** [IT/IT]; Via XX Settembre 80, I-44100 Ferrara (IT). **KAUTZ, Gerhard** [DE/DE]; Basell Polyolefins, Bergweg 2, 67281 Bissersheim (DE). **NICKLES, Ralf** [DE/DE]; Elsavastrasse 205, 63863 Eschau (DE). **BUGADA, Daniele, C.** [CA/US]; 4 Mars Road, Newark, DE 19711 (US). **NAGARAJAN, Ganesh** [US/US]; 140 Drummond Farms Lane, Newark, DE 19711 (US).

(74) Agent: **SACCO, Marco**; Basell Poliolefine Italia S.p.A., Intellectual Property, P.le G. Donegani 12, I-44100 Ferrara (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FLEXIBLE PROPYLENE COPOLYMER COMPOSITIONS HAVING A HIGH TRANSPARENCY

(57) Abstract: A propylene copolymer composition comprising A) from 50% to 80% by weight of a propylene copolymer containing from 0.05 to 0.99% by weight of an alpha olefins having from 2 to 10 carbon atoms other than propylene; and B) from 20% to 50% by weight of one propylene copolymer containing from 7.01 to 20.0 % by weight of an alpha olefins having from 2 to 10 carbon atoms other than propylene; said propylene copolymer composition having the following characteristics: (i) MFR (230°C/2,16 kg) [g/10 min] comprised between 1 and 20; (ii) tensile E modulus comprised between 400 and 800 MPa (ISO 527-2:1993) and films produced therefrom.



WO 2005/090467 A1